



*D. Gaudin*  
#161C  
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PATENT

Attorney Docket No. A-67465/RFT/RMS/RMK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
  
Kayyem, et al.  
  
Serial No.: 09/295,691  
  
Filing Date: 21 April 1999  
  
For: ***The Use of Microfluidic Systems in  
the Electrochemical Detection of  
Target Analytes***

Examiner: Starsiak, John S  
  
Group Art Unit: 1743

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail addressed to Commissioner of Patents, Washington, D.C. 20231 on 10-25-02.

Signed *Mary M. Farland*  
Mary McFarland

AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Following is Applicants' response to the Office Action mailed 31 May 2002 accompanied by a petition for a two-month extension of time and appropriate fee. A response is due 31 October 2002, making this a timely response. Please amend the application as follows:

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TC 1700 MAIL ROOM

IN THE SPECIFICATION

Please add the following paragraphs after page 2, line 15:

C Figure 2 depicts a cross-sectional schematic view of a detection electrode according to one embodiment of the present invention.

Please replace the paragraph beginning on page 11, line 22 with the following paragraph:

C The cell lysis module may also include, either internally or externally, a filtering module for the removal of cellular debris as needed. This filter may be microfabricated between the cell lysis module and the subsequent module, as shown in Fig. 1B where filter 200 is between handling well

40 and detection well 30, to enable the removal of the lysed cell membrane and other cellular debris components; examples of suitable filters are shown in EP 0 637 998 B1, incorporated by reference.